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OBSERVING LIST FOR THE MERIDIAN CIRCLE.

The *Nautical Almanac* for 1897 contains, in its list of standard stars, 120 whose positions have not been included in previous issues. Some of these are already upon the list, observed during the past year in one position of the instrument. Such of those remaining, as are not included in the list of the Berlin *Jahrbuch*, are placed upon the observing list for the coming year. With the additional stars, this list now contains 157; of which 15 are above $+70^{\circ}$ Declination, and will be observed also at lower culmination. Observing has already begun upon the full list, the original portion of which it is hoped will be completed in next September.

R. H. T.

LICK OBSERVATORY, 1894, October 1.

BRIGHT AURORA, AUGUST 19, 1894.

From 8 P.M. to about 10:30 P.M. on the above date an unusually bright aurora was seen here and was reported from many points. The arc was from 5° to 10° wide, and extended 25° or